

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	692	(29/760).CCLS.	USPAT; USOCR	OR	OFF	2006/03/14 15:00
S2	1146	(29/281.1,281.5).CCLS.	USPAT; USOCR	OR	OFF	2006/03/14 16:37
S8	753	(269/47).CCLS.	USPAT; USOCR	OR	OFF	2006/03/15 12:02
S9	3315	(29/596,598).CCLS.	USPAT; USOCR	OR	OFF	2006/03/14 16:55
S10	192	S9 and (spindle or hard disk or hard drive)	USPAT; USOCR	ADJ	ON	2006/03/14 16:57
S11	209	S9 and (spindle or hard disk or hard drive or disk drive)	USPAT; USOCR	ADJ	ON	2006/03/14 16:58
S12	195	S9 and (spindle or hard disk or hard drive or disk drive) and @py>"1960"	USPAT; USOCR	ADJ	ON	2006/03/14 16:58
S13	193	S9 and (spindle or hard disk or hard drive or disk drive) and @py>"1965"	USPAT; USOCR	ADJ	ON	2006/03/14 17:06
S14	56368	(spindle or hard disk or hard drive or disk drive) and pin and @py>"1965"	USPAT; USOCR	ADJ	ON	2006/03/15 13:30
S15	4733	((spindle motor) or (hard disk or hard drive or disk drive) with motor) and pin and @py>"1965"	USPAT; USOCR	ADJ	ON	2006/03/14 17:08
S16	1091	((spindle motor) or (hard disk or hard drive or disk drive) with motor) same pin and @py>"1965"	USPAT; USOCR	ADJ	ON	2006/03/14 17:08
S17	184	((spindle motor) or (hard disk or hard drive or disk drive) with motor) same pin and (tool or tooling) and @py>"1965"	USPAT; USOCR	ADJ	ON	2006/03/14 17:18
S18	12279	(B23P019/00).ipc.	EPO; JPO; DERWENT	ADJ	ON	2006/03/14 17:25
S19	9	S18 and spindle motor	EPO; JPO; DERWENT	ADJ	ON	2006/03/14 17:22
S20	2250	S18 and motor	EPO; JPO; DERWENT	ADJ	ON	2006/03/14 17:22
S21	9	S18 and motor and (disk drive or hard disk or hard drive)	EPO; JPO; DERWENT	ADJ	ON	2006/03/14 17:23
S22	243	S18 and motor and pin	EPO; JPO; DERWENT	ADJ	ON	2006/03/14 17:23
S23	1708	(B23Q001/00).ipc.	EPO; JPO; DERWENT	ADJ	ON	2006/03/14 17:26

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S24	298	S23 and (motor or pin)	EPO; JPO; DERWENT	ADJ	ON	2006/03/14 17:34
S25	1424	(29/759,559).CCLS.	USPAT; USOCR	OR	OFF	2006/03/15 10:17
S26	0	("(ta-changnearfuorungtaenearkimo rrobertnearlenicheckorsattarnearma lekorstanleynearwong).in.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/15 10:18
S27	0	(ta-changnearfuorungtaenearkimorr obertnearlenicheckorsattarnearmale korstanleynearwong).in.	USPAT; USOCR	ADJ	ON	2006/03/15 10:18
S28	27	(ta-chang near fu or ungtae near kim or robert near lenicheck or sattar near malek or stanley near wong).in.	USPAT; USOCR	ADJ	ON	2006/03/15 10:19
S29	62	(ta-chang near fu or ungtae near kim or robert near lenicheck or sattar near malek or stanley near wong).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/03/15 10:52
S37	77	motor and tooling pin	USPAT; USOCR	ADJ	ON	2006/03/15 11:46
S38	1	alignment same insert same tooling pin	USPAT; USOCR	ADJ	ON	2006/03/15 11:58
S39	0	("diskwithmotorsamemounting"). PN.	USPAT; USOCR	OR	OFF	2006/03/15 12:02
S40	8859	disk with motor same mounting	USPAT; USOCR	ADJ	ON	2006/03/15 12:02
S41	4561	disk with motor same mounting and pin	USPAT; USOCR	ADJ	ON	2006/03/15 12:02
S42	2232	disk with motor same mounting same pin	USPAT; USOCR	ADJ	ON	2006/03/15 12:02
S43	67	disk with motor same mounting same pin and ("269".clas. or "29". clas.)	USPAT; USOCR	ADJ	ON	2006/03/15 12:13
S44	693	fixture with pin and assemble	USPAT; USOCR	ADJ	ON	2006/03/15 12:48
S45	129	fixture with pin same assemble	USPAT; USOCR	ADJ	ON	2006/03/15 12:48
S46	647	(fixture or tool) with pin same assemble	USPAT; USOCR	ADJ	ON	2006/03/15 12:49
S47	75293	(spindle or hard disk or hard drive or disk drive) and motor and @py>"1965"	USPAT; USOCR	ADJ	ON	2006/03/15 13:31

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S48	27329	(hard disk or hard drive or disk drive) and motor and @py>"1965"	USPAT; USOCR	ADJ	ON	2006/03/15 13:31
S50	6661	(hard disk or hard drive or disk drive) same motor and @py>"1965" not "360".clas.	USPAT; USOCR	ADJ	ON	2006/03/15 13:35
S51	335	((hard disk or hard drive or disk drive) same motor) and base) and "29".clas.	USPAT; USOCR	ADJ	ON	2006/03/15 13:56
S53	1	"6158112".pn.	USPAT; USOCR	ADJ	ON	2006/03/15 13:58
S54	1	"5309628".pn.	USPAT; USOCR	ADJ	OFF	2006/03/15 17:27
S55	13	("4509251"   "4520555"   "4587714"   "4809427"   "4964941").PN. OR ("5309628").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/03/15 14:14
S56	5	("4509251"   "4520555"   "4587714"   "4809427"   "4964941").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/03/15 16:26
S57	8	("5309628").URPN.	USPAT	ADJ	ON	2006/03/15 16:27
S58	12	"6158112"	USPAT; USOCR	ADJ	ON	2006/03/15 17:17
S59	15910	spindle motor	USPAT; USOCR	ADJ	OFF	2006/03/15 17:27
S60	7991	spindle motor same disk	USPAT; USOCR	ADJ	OFF	2006/03/15 17:27
S61	172	spindle motor same disk same (install or installation or installing or assembling or assemble)	USPAT; USOCR	ADJ	OFF	2006/03/15 17:28
S62	390	spindle motor same disk same (install or installation or installing or assembling or assemble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2006/03/15 18:09
S63	1	("6874219").PN.	USPAT; USOCR	OR	OFF	2006/03/16 08:36
S64	13	("4509251"   "4520555"   "4587714"   "4809427"   "4964941").PN. OR ("5309628").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/03/16 11:16
S65	60955	disk with motor with fixture or jig	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/03/16 11:17
S66	243	disk with motor with (fixture or jig)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/03/16 11:17

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S67	1	("5197181").URPN.	USPAT	ADJ	ON	2006/03/16 11:30
S68	7	("4139877"   "4716776"   "5023498").PN. OR ("5212417"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/03/16 11:31
S69	10	("4949000"   "4965476"   "5278709"   "5295030"   "5333080"   "5517374"   "5528434").PN. OR ("5872682").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/03/16 11:36
S70	6	("3052955"   "5495660"   "5699600"   "5758408"   "5761794").PN. OR ("6691391"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/03/16 11:44